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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/765,019	01/26/2004	Michael J. Boks	KNA01 P-150A	1309

28101 7590 10/05/2005

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EXAMINER
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TRAN, HANH VAN

ART UNIT	PAPER NUMBER
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3637

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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## Office Action Summary

Application No.

10/765,019

Applicant(s)

BOKS, MICHAEL J.

Examiner

Hanh V. Tran

Art Unit

3637

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 January 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-50 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-11 and 16-50 is/are rejected.
- 7) ☒ Claim(s) 12-15 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. _____  |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>8/29/05 &amp; 8/12/05</u> .   | 6) <input type="checkbox"/> Other: _____                                    |

### **DETAILED ACTION**

1. This is the First Office Action on the Merits from the examiner in charge of this application.

#### ***Claim Objections***

2. Claims 21-38 are objected to because of the following informalities: claim 21, line 12, "a bottom" should be "a bottom portion". Appropriate correction is required.

#### ***Claim Rejections - 35 USC § 112***

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claims 4-9, 16, 21-50 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Claims 4, 16, 23, 26, and 42, the limitation of the spring defining an interior space "that is free of any structure" is vague, thus indefinite for failing to clearly define the metes and bounds of the claimed invention, since it is not clear what would consider to be free of any structure. Claim 21, line 12, "said bottom portion" lacks antecedent basis. Claim 22, the limitation of the spring including "no contact with any metal structures" is vague and indefinite, since it is not clear what the metes and bounds of the claimed invention is; further, what if the slider and/or the planar surface is made out of metal. Claim 30, "said body" lacks antecedent basis. Claim 39, line 12, "said body surface" lacks antecedent basis.

***Claim Rejections - 35 USC § 102***

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-6, 9-11, 17-20, 39-50 are rejected under 35 U.S.C. 102(e) as being anticipated by USP 6,733,097 to Kim et al.

Kim et al discloses a self-closing mechanism comprising all the elements recited in the above listed claims including a generally planar surface having a channel defined therein, such as shown in Figs 2A & 9A, said channel extending in a direction parallel to the direction of movement of the drawer member, said channel having a front end and a back end and a substantially uniform width between said front and back ends, said front end being positioned nearer than said back end to an opening in the cabinet out of which the drawer member exits when in the extended position; a slider (82,253) positioned in said channel and adapted to selectively engage the drawer member; a spring (86,254) connected to said slider and adapted to exert a pulling force that tends to pull said slider toward the back end of said channel; and a holding notch defined in said planar surface adjacent the front end of said channel, said holding notch adapted to releasably hold the slider near the front end of the channel, said slider adapted to engage a surface on the drawer member that causes said slider to move into the

Art Unit: 3637

holding notch when the drawer member is moved to the extended position and to move out of the holding notch when the drawer member is moved to the closed position, said spring causing said slider to move to the back end of the channel when the slider is moved out of the holding notch and to thereby move the drawer member to the closed position; wherein said slider includes a body with a tab projecting therefrom to selectively engage the drawer member, and a flange depending from said body in an opposite direction than said tab, and said spring being connected to said flange; a pair of flanges forming ramps (76,218) to engage the drawer member, the fixed rail including mounting openings to engage tabs of the slider body.

***Allowable Subject Matter***

7. Claims 12-15 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

8. Claim 21 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

9. Claims 22-38 would be allowable if rewritten to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action and to include all of the limitations of the base claim and any intervening claims.

***Conclusion***

10. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Doorbos et al, Jurja, Chu, Lin '417, Chae, Weng, Lam Harn et al, Lin '050, Roeck all show structures similar to various elements of applicant's disclosure.

Art Unit: 3637

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hanh V. Tran whose telephone number is (571) 272-6868. The examiner can normally be reached on Monday-Thursday, and alternate Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on (571) 272-6867. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HVT  
October 2, 2005

  
**Hanh V. Tran**  
**Art Unit 3637**